

Claims

[c1] 1. A car seat with an extendable back which comprises:

- a seat member;
- a back member connected to said seat member, said back member further comprising:

 - a fixed component;
 - a movable component, said movable component comprising

 - an upper headrest area with a pair of forward extending wings and
 - a lower area for sliding movement along said fixed component,
 - said upper headrest area in invariant fixed relationship to said lower area,
 - said fixed and movable components in overlapping essentially gapless relationship with respect to each other with sliding movement between said components; and

 - means for selectively positioning and retaining said movable component relative to said fixed component.

- [c2] 2. The seat of claim 1 wherein said movable component is attached in front of said fixed component.
- [c3] 3. The seat of claim 1 wherein said fixed component and said movable component permit telescoping movement therebetween.
- [c4] 4. The seat of claim 3 wherein said telescoping movement is fixed by a length of at least one longitudinal channel in said fixed component.
- [c5] 5. The seat of claim 4 wherein said telescoping movement is fixed by a length of at least two longitudinal channels in said fixed component.
- [c6] 6. The seat of claim 5 wherein said movable component further comprises at least two generally horizontal and symmetrical slots that intersect said movable back from a pair of sides to allow a shoulder belt to penetrate through said movable component.
- [c7] 7. The seat of claim 6 wherein said means for selectively positioning said movable component relative to said fixed component permits adjustment by incremental discrete movement.
- [c8] 8. The seat of claim 7 wherein said means for selectively positioning said movable component relative to said

fixed component is a pair of outwardly biased shafts which engage locking means on said fixed component.

[c9] 9. The seat of claim 8 wherein said locking means are mating teeth and grooves.

[c10] 10. The seat of claim 6 wherein said means for selectively positioning said movable component relative to said fixed component permits infinitely variable movement.

[c11] 11. A car seat having an extendable back which comprises:

 a seat member;

 a back member pivotally connected to said seat member, said back member further comprising:

 a fixed component; and

 a telescoping movable component overlapping said fixed component, said telescoping movable component further comprising a fixed upper headrest area with a pair of forward extending wings and wherein movement of said components relative to each other provides contiguous support for an occupant's back; and

 means for selectively positioning and retaining said movable component relative to said fixed compo-

nent.

- [c12] 12. The seat of claim 11 wherein said movable component is attached in front of said fixed component.
- [c13] 13. The seat of claim 12 wherein an inner contour of said movable component mates with an outer contour of said fixed component.
- [c14] 14. The seat of claim 13 wherein said inner contour of said movable component nests with an outer contour of said fixed component.
- [c15] 15. The seat of claim 14 wherein said outer contour of said fixed component further comprises a pair of raised surfaces for side support of an occupant.
- [c16] 16. The seat of claim 15 wherein said fixed component and said movable component permit telescoping movement therebetween.
- [c17] 17. The seat of claim 16 wherein said telescoping movement is fixed by a length of at least one longitudinal channel in said fixed component.
- [c18] 18. The seat of claim 17 wherein said telescoping movement is fixed by a length of at least two longitudinal channels in said fixed component.

- [c19] 19. The seat of claim 18 wherein said means for selectively positioning said movable component relative to said fixed component permits adjustment by incremental discrete movement.
- [c20] 20. The seat of claim 19 wherein said means for selectively positioning said movable component relative to said fixed component is a pair of outwardly biased shafts which engage locking means on said fixed component.
- [c21] 21. The seat of claim 20 wherein said locking means are mating teeth and grooves.
- [c22] 22. The seat of claim 18 wherein said means for selectively positioning said movable component relative to said fixed component permits infinitely variable movement.